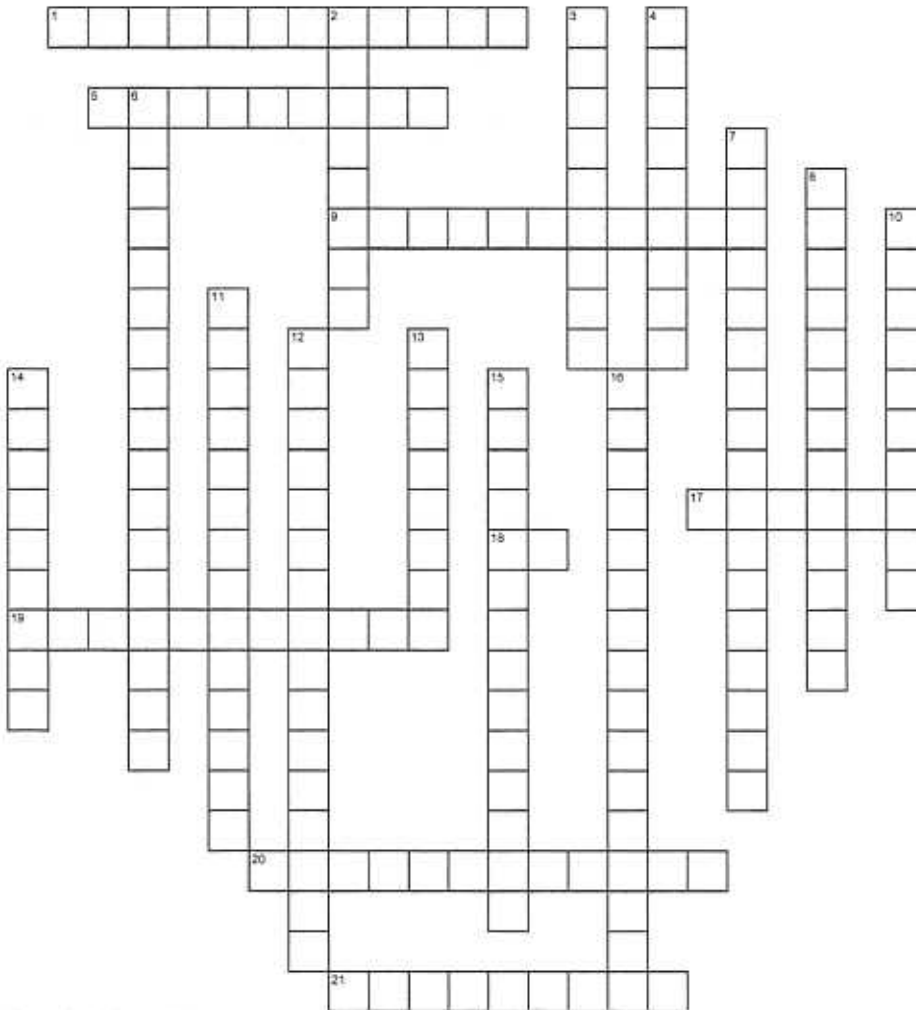


# AC



Constructed using Crossword Weaver

attenuates the high freq.(2 words)

- 10 Time it takes to do 1 alternation,  $\frac{1}{2}$  of period. (2 words)
- 11 Passes high freq. With max. voltage & attenuates the low freq.(2 words)
- 12 Transformer winding with the load connected.(2 words)
- 13 Opposes change in current, Stores energy in electromagnetic field.
- 14 Converts mechanical energy into electrical energy.
- 15 Transformer winding with the input signal connected.(2 words)
- 16 Process of transferring energy from primary to secondary due to expansion & contraction of magnetic field cutting across the secondary.(2 words)

## ACROSS

- 1 Used to analyze the wave shape & measure the amplitude, period, and pulse width of an AC signal.
- 5 Number of complete revolutions of the generator in 1 second.
- 9 Two per period, one positive, the other negative.
- 17 Time required for the rotor to make 1 complete revolution.
- 18 Current that changes in amplitude & periodically reverses direction.
- 19 Changes the voltage

and current of the AC on the primary to a different value on the secondary.

- 20 Amount of time for a capacitor or inductor to charge or discharge 63%.(2 words)
- 21 Magnetic lines of force.(2 words)

## DOWN

- 2 Voltage generated in relation with the angle of the rotor in the magnetic field.(2words)
- 3 Total opposition to current in an AC circuit.
- 4 Opposes change in voltage, stores energy in electrostatic field.
- 6 Frequency sensitive device. (2 words)
- 7 Used to produce 3 types of AC signals at a wide range of frequencies at different amplitudes(2 words)
- 8 Passes low freq. With max. voltage &